Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110722\
Data File : BM037393.D
Acq On : 07 Nov 2022 15:59
Operator : CG/JU
Sample : N5277-06MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW4W5MSD

Quant Time: Nov 07 23:07:39 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 07 00:30:18 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.841	152	5202	0.400	ng/ul	0.00
4) Naphthalene-d8	10.639	136	18050	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.473	164	10598	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.216	188	22232	0.400	ng/ul	0.00
17) Chrysene-d12	21.386	240	17138	0.400	ng/ul	0.00
23) Perylene-d12	23.721	264	14540	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.260	96	843	0.128	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.228	152	6936	0.256	ng/ul	0.00
18) Fluoranthene-d10	19.238	212	17575	0.328	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	2532	0.388	ng/ul	99
5) Naphthalene	10.688	128	13547	0.259	ng/ul	99
7) 2-Methylnaphthalene	12.299	142	8758	0.267	ng/ul	100
8) 1-Methylnaphthalene	12.519	142	9533	0.283	ng/ul	100
10) Acenaphthylene	14.196	152	12601	0.279	ng/ul	99
11) Acenaphthene	14.533	153	10955	0.275	ng/ul	98
12) Fluorene	15.519	166	12593	0.276	ng/ul	99
14) Pentachlorophenol	16.870	266	4183	0.713	ng/ul	99
15) Phenanthrene	17.254	178	21753	0.286	ng/ul	100
16) Anthracene	17.347	178	18550	0.299	ng/ul	99
19) Fluoranthene	19.266	202	25981	0.320	ng/ul	96
20) Pyrene	19.628	202	27651	0.325	ng/ul	100
21) Benzo(a)anthracene	21.368	228	22911	0.310	ng/ul	99
22) Chrysene	21.421	228	23866	0.289	ng/ul	100
24) Benzo(b)fluoranthene	23.008	252	24319	0.291	ng/ul	96
25) Benzo(k)fluoranthene	23.055	252	23818	0.298	ng/ul	96
26) Benzo(a)pyrene	23.619	252	19580	0.281	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.135	276	24573	0.264	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.155	278	19223	0.269	ng/ul	96
29) Benzo(g,h,i)perylene	26.880	276	21060	0.262	ng/ul	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110722\
Data File : BM037393.D
Acq On : 07 Nov 2022 15:59
Operator : CG/JU
Sample : N5277-06MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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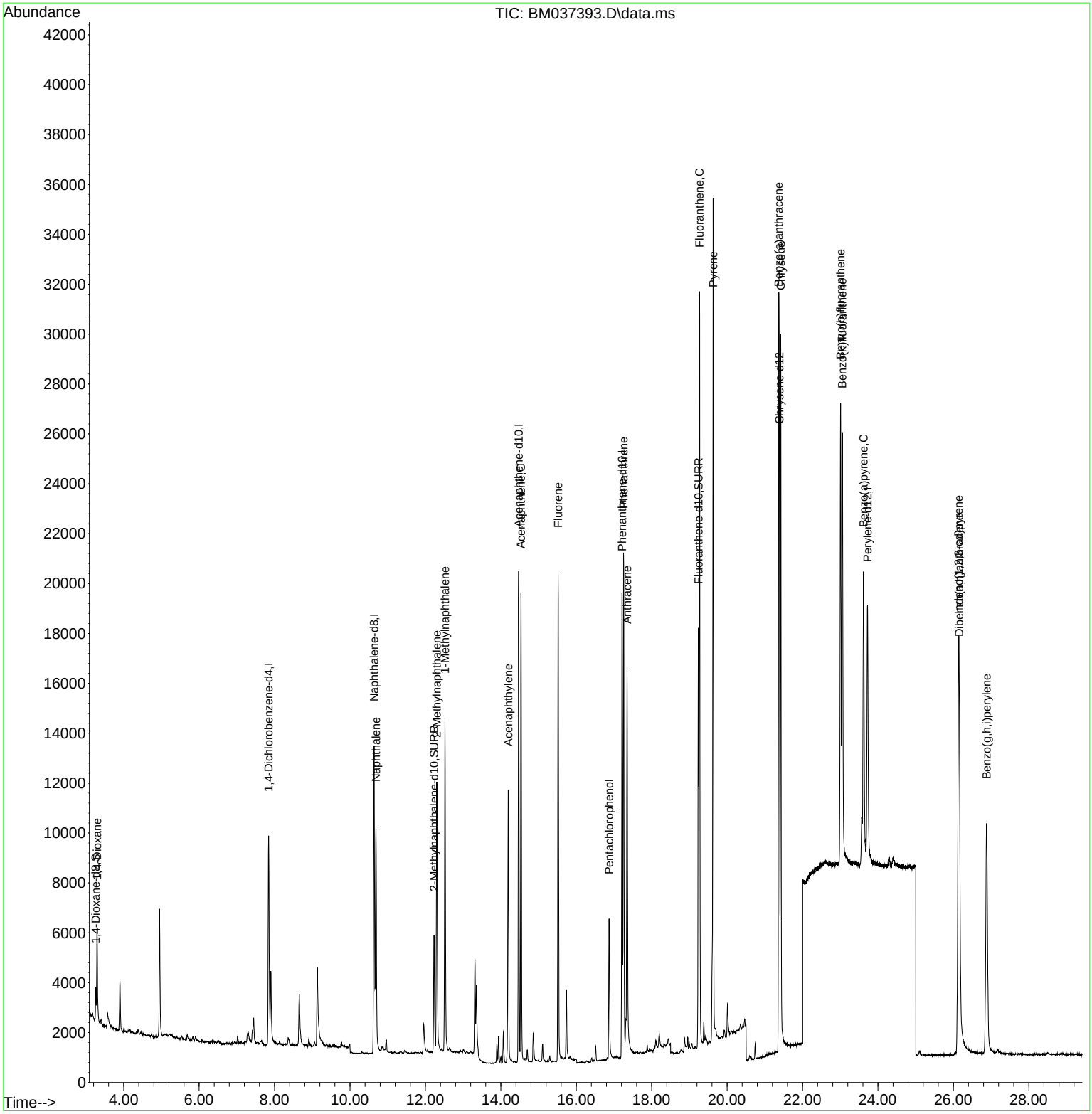
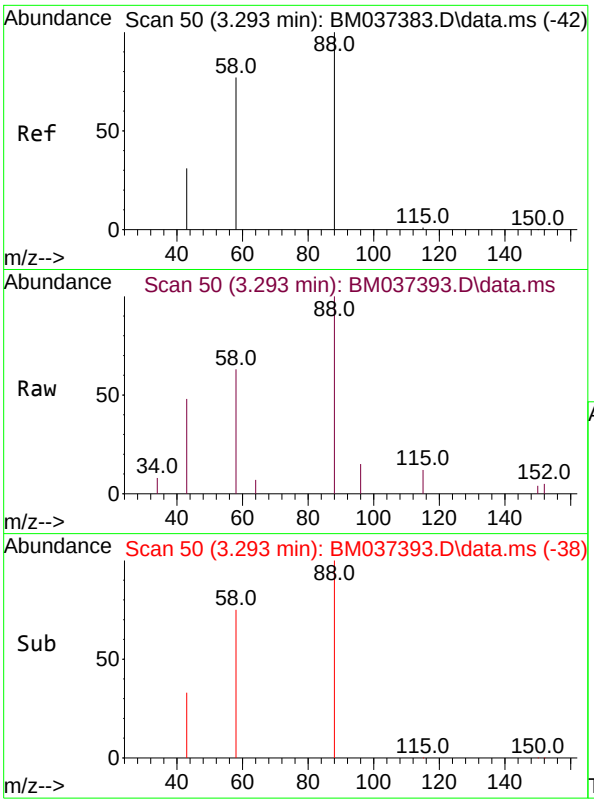
Quant Time: Nov 07 23:07:39 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 07 00:30:18 2022
Response via : Initial Calibration



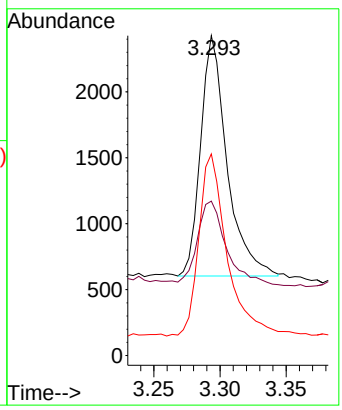


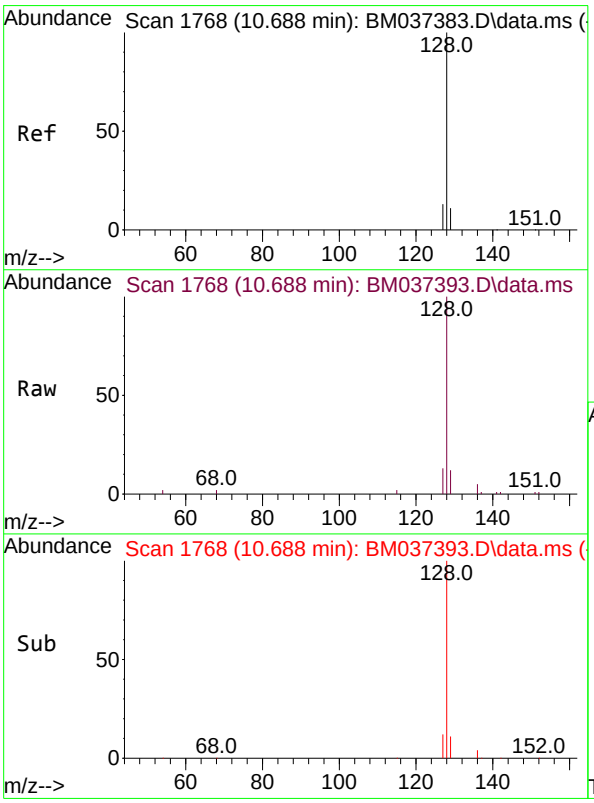
#2
1,4-Dioxane
Concen: 0.388 ng/ul
RT: 3.293 min Scan# 5
Delta R.T. 0.000 min
Lab File: BM037393.D
Acq: 07 Nov 2022 15:59

Instrument :
BNA_M
ClientSampleId :
EW4W5MSD

Tgt Ion: 88 Resp: 2532

Ion	Ratio	Lower	Upper
88	100		
43	48.3	39.9	59.9
58	63.0	50.2	75.2

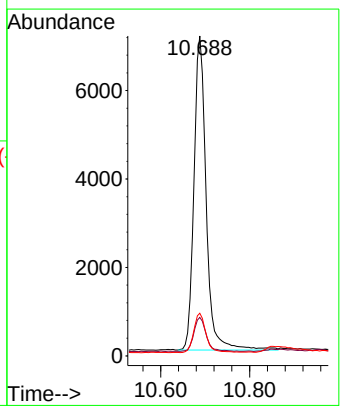


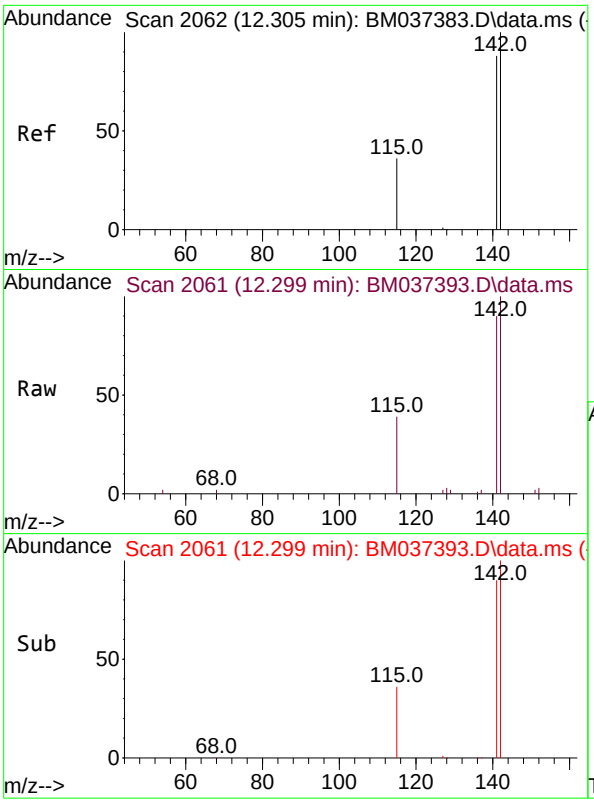


#5
Naphthalene
Concen: 0.259 ng/ul
RT: 10.688 min Scan# 1768
Delta R.T. 0.000 min
Lab File: BM037393.D
Acq: 07 Nov 2022 15:59

Tgt Ion:128 Resp: 13547

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.2	13.8
127	13.3	10.2	15.4



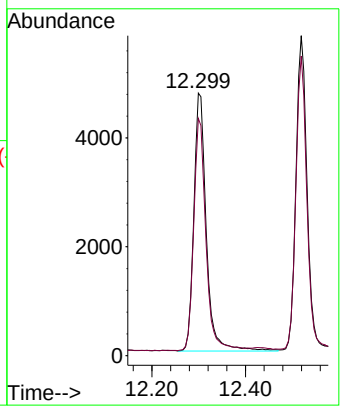


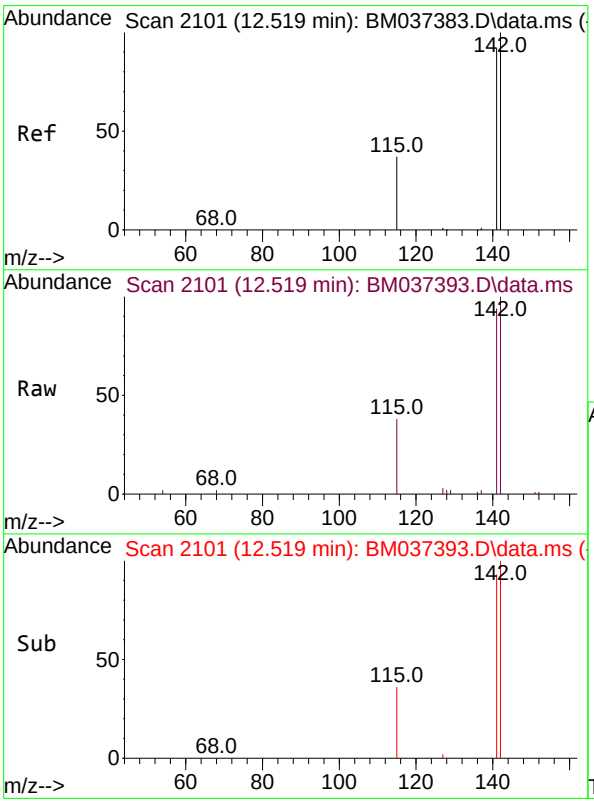
#7
2-Methylnaphthalene
Concen: 0.267 ng/ul
RT: 12.299 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM037393.D
Acq: 07 Nov 2022 15:59

Instrument :
BNA_M
ClientSampleId :
EW4W5MSD

Tgt Ion:142 Resp: 8758

Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.6	105.8

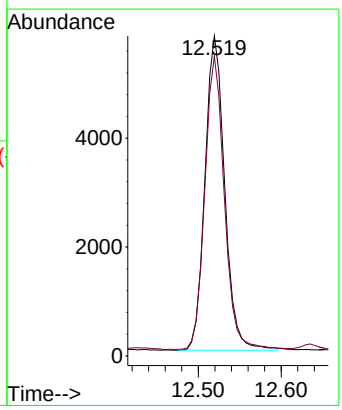


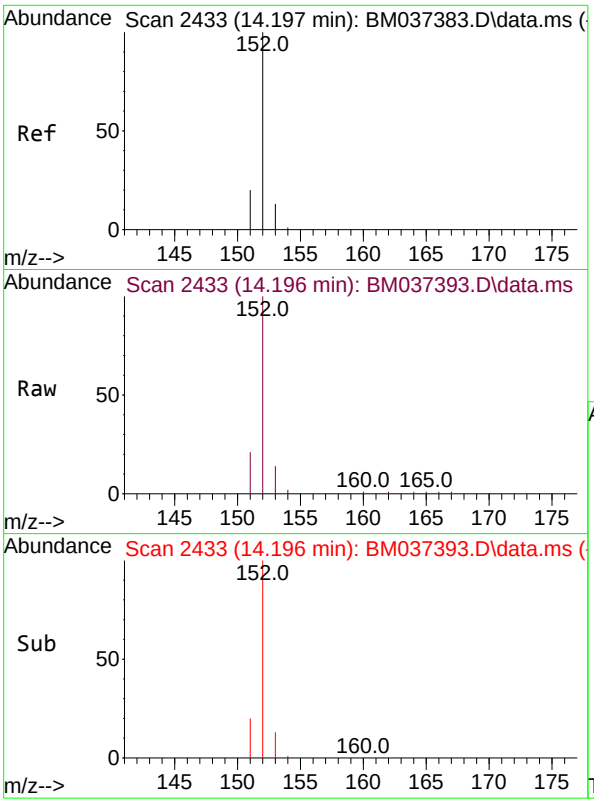


#8
1-Methylnaphthalene
Concen: 0.283 ng/ul
RT: 12.519 min Scan# 2101
Delta R.T. 0.000 min
Lab File: BM037393.D
Acq: 07 Nov 2022 15:59

Tgt Ion:142 Resp: 9533

Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.9	110.9



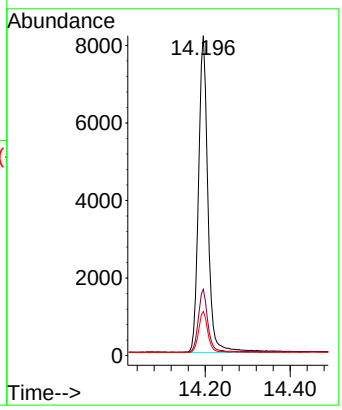


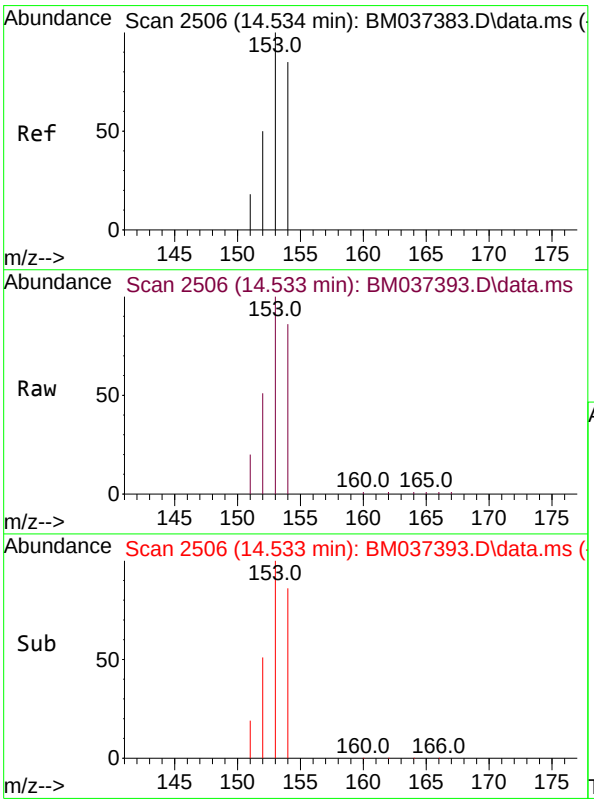
#10
Acenaphthylene
Concen: 0.279 ng/ul
RT: 14.196 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM037393.D
Acq: 07 Nov 2022 15:59

Instrument :
BNA_M
ClientSampleId :
EW4W5MSD

Tgt Ion:152 Resp: 12601

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.1	24.1
153	13.8	11.0	16.4

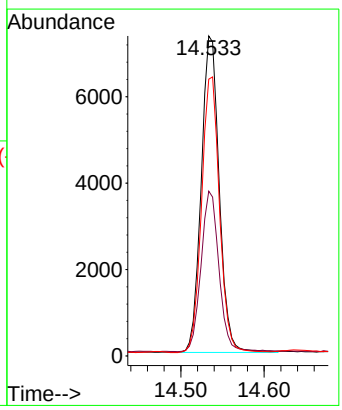


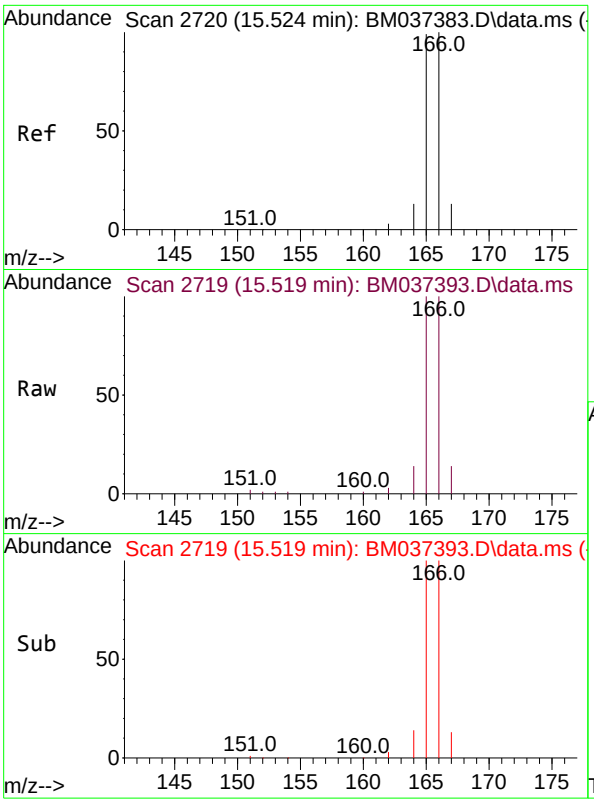


#11
Acenaphthene
Concen: 0.275 ng/ul
RT: 14.533 min Scan# 2506
Delta R.T. -0.005 min
Lab File: BM037393.D
Acq: 07 Nov 2022 15:59

Tgt Ion:153 Resp: 10955

Ion	Ratio	Lower	Upper
153	100		
152	51.5	40.2	60.4
154	86.5	70.4	105.6



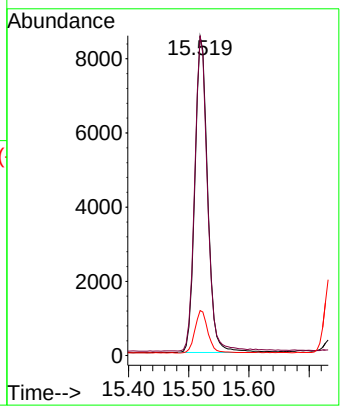


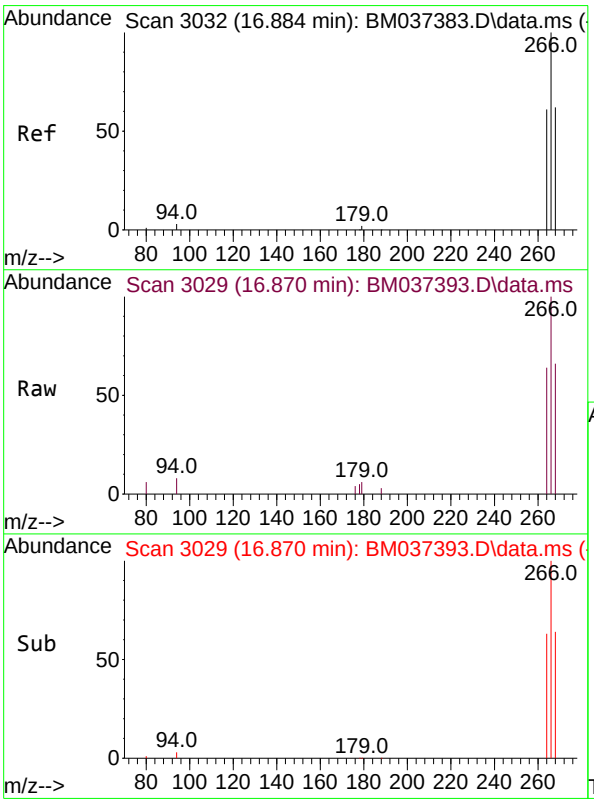
#12
Fluorene
Concen: 0.276 ng/ul
RT: 15.519 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM037393.D
Acq: 07 Nov 2022 15:59

Instrument :
BNA_M
ClientSampleId :
EW4W5MSD

Tgt Ion:166 Resp: 12593

Ion	Ratio	Lower	Upper
166	100		
165	100.3	79.0	118.4
167	14.1	11.1	16.7

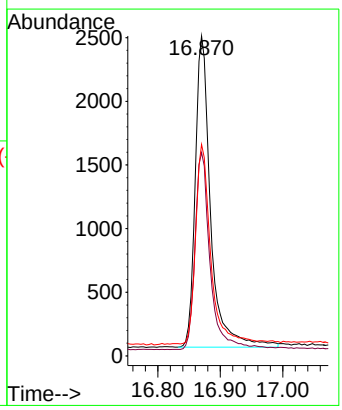


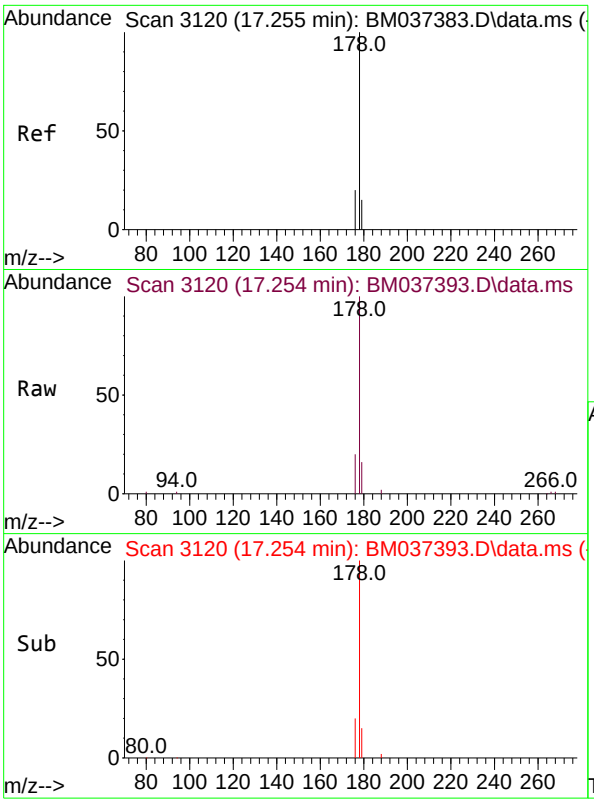


#14
Pentachlorophenol
Concen: 0.713 ng/ul
RT: 16.870 min Scan# 3029
Delta R.T. -0.008 min
Lab File: BM037393.D
Acq: 07 Nov 2022 15:59

Tgt Ion:266 Resp: 4183

Ion	Ratio	Lower	Upper
266	100		
264	62.6	49.9	74.9
268	63.7	51.9	77.9



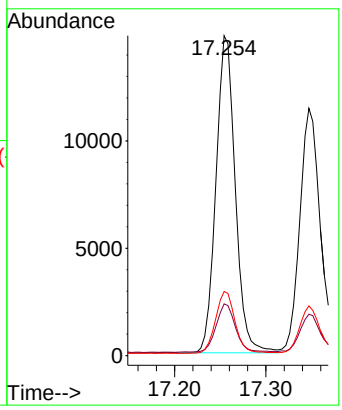


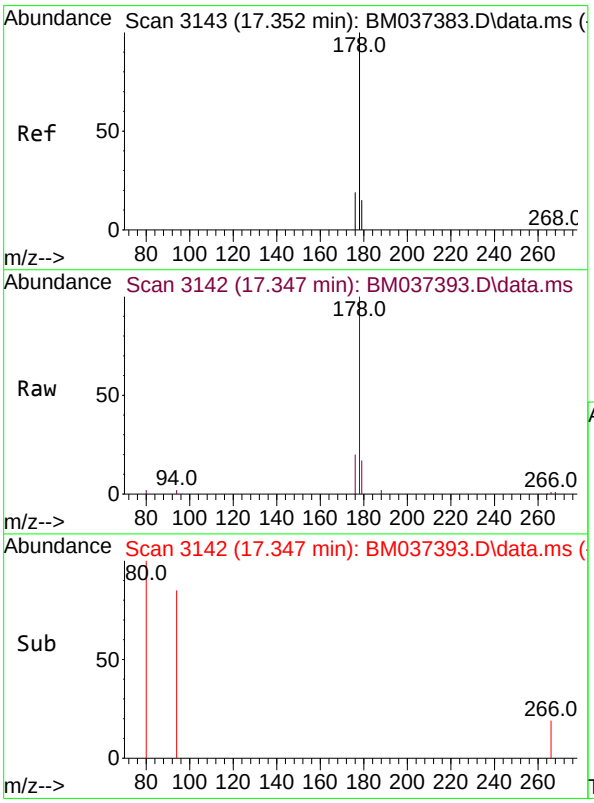
#15
Phenanthrene
Concen: 0.286 ng/ul
RT: 17.254 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM037393.D
Acq: 07 Nov 2022 15:59

Instrument :
BNA_M
ClientSampleId :
EW4W5MSD

Tgt Ion:178 Resp: 21753

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.9	19.3
176	20.1	16.0	24.0

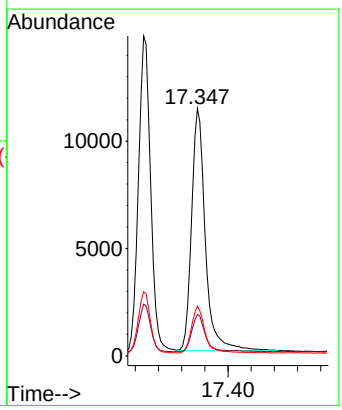


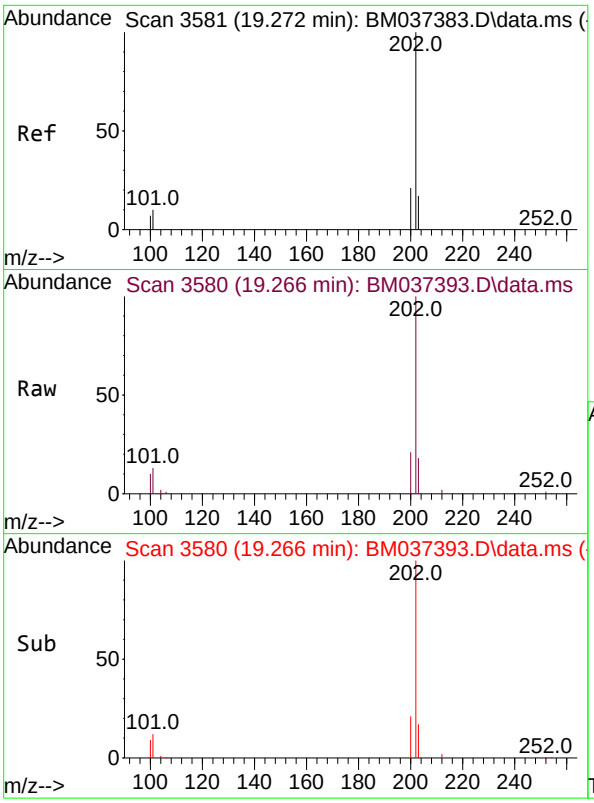


#16
Anthracene
Concen: 0.299 ng/ul
RT: 17.347 min Scan# 3142
Delta R.T. -0.004 min
Lab File: BM037393.D
Acq: 07 Nov 2022 15:59

Tgt Ion:178 Resp: 18550

Ion	Ratio	Lower	Upper
178	100		
179	16.7	13.0	19.4
176	20.1	15.5	23.3



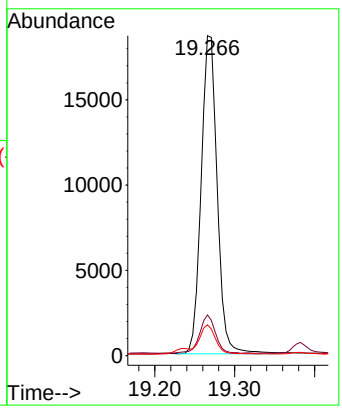


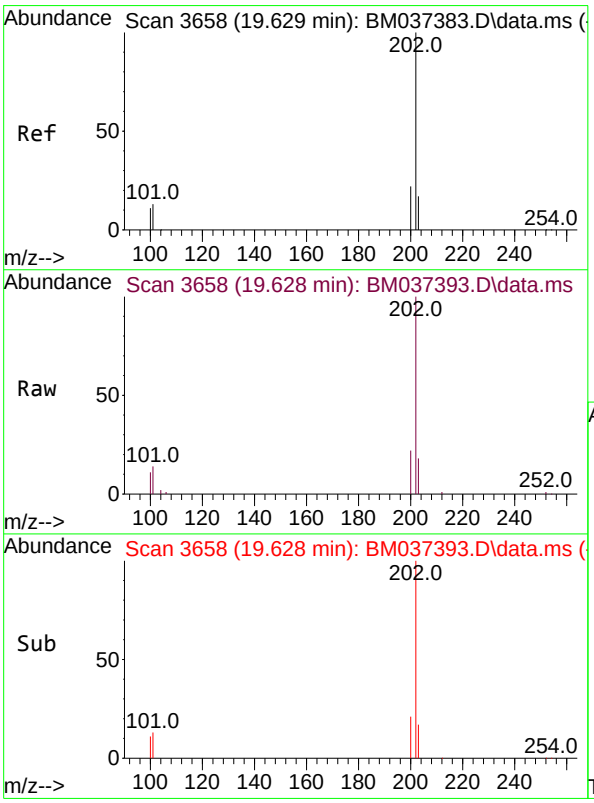
#19
Fluoranthene
Concen: 0.320 ng/ul
RT: 19.266 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM037393.D
Acq: 07 Nov 2022 15:59

Instrument :
BNA_M
ClientSampleId :
EW4W5MSD

Tgt Ion:202 Resp: 25981

Ion	Ratio	Lower	Upper
202	100		
101	12.8	8.7	13.1
100	9.6	6.6	10.0

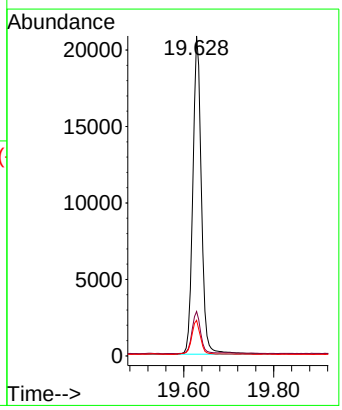


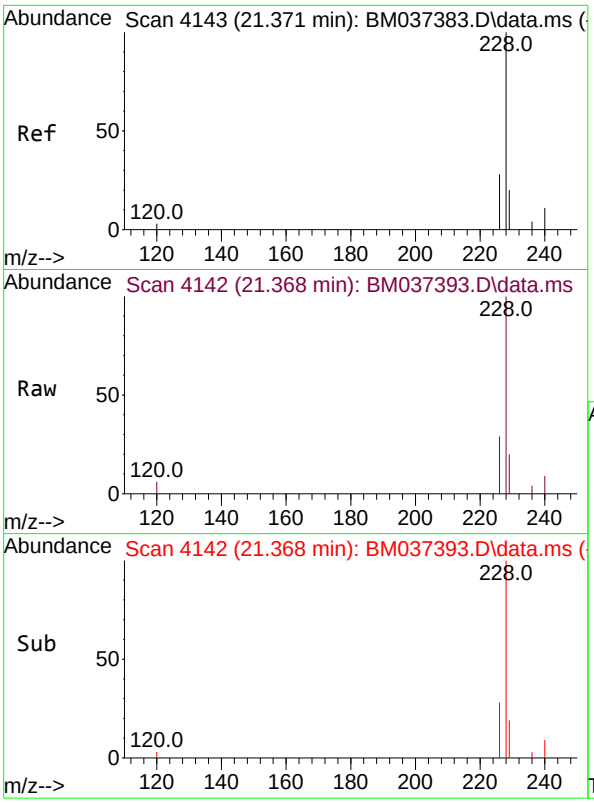


#20
Pyrene
Concen: 0.325 ng/ul
RT: 19.628 min Scan# 3658
Delta R.T. 0.000 min
Lab File: BM037393.D
Acq: 07 Nov 2022 15:59

Tgt Ion:202 Resp: 27651

Ion	Ratio	Lower	Upper
202	100		
101	13.9	11.1	16.7
100	11.1	9.0	13.4



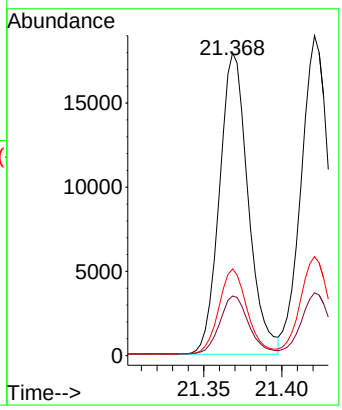


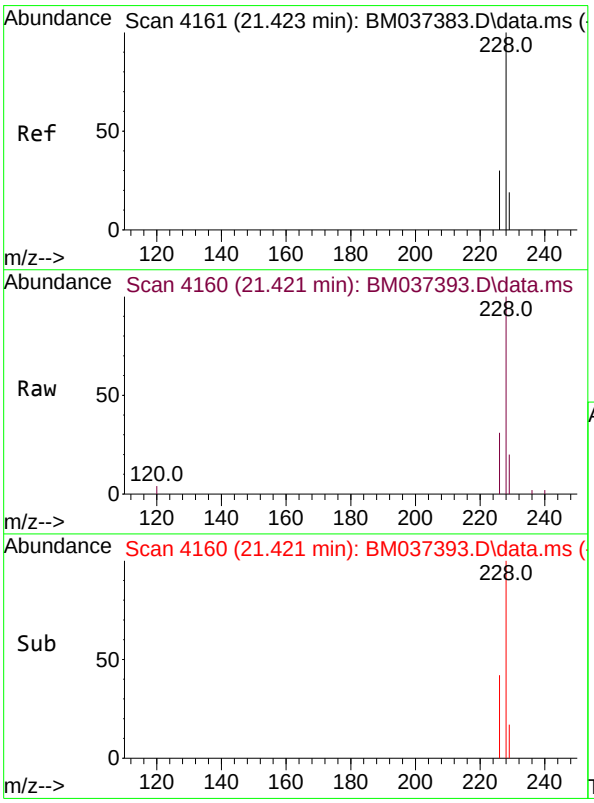
#21
Benzo(a)anthracene
Concen: 0.310 ng/ul
RT: 21.368 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM037393.D
Acq: 07 Nov 2022 15:59

Instrument :
BNA_M
ClientSampleId :
EW4W5MSD

Tgt Ion:228 Resp: 22911

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.7	23.5
226	28.6	22.6	33.8

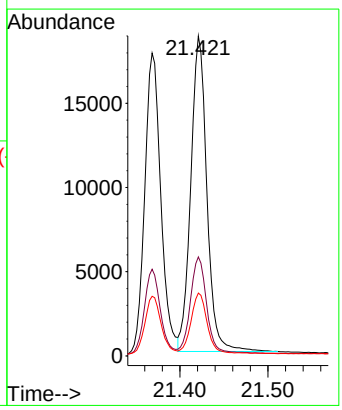


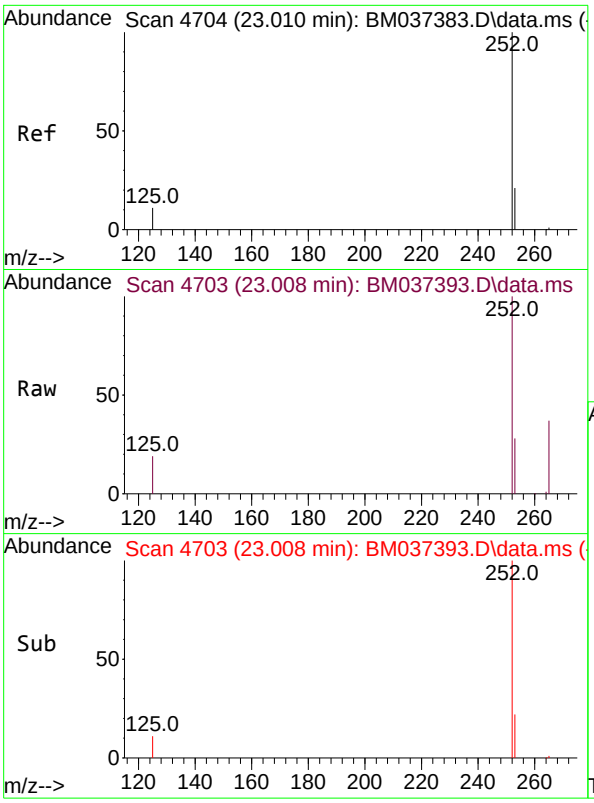


#22
Chrysene
Concen: 0.289 ng/ul
RT: 21.421 min Scan# 4160
Delta R.T. -0.003 min
Lab File: BM037393.D
Acq: 07 Nov 2022 15:59

Tgt Ion:228 Resp: 23866

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.8	37.2
229	19.6	15.6	23.4



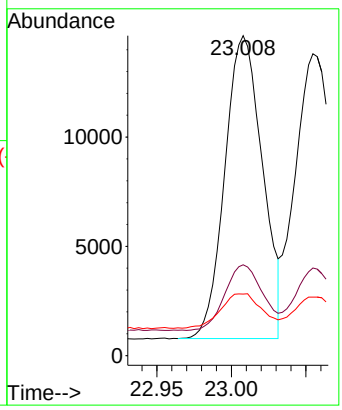


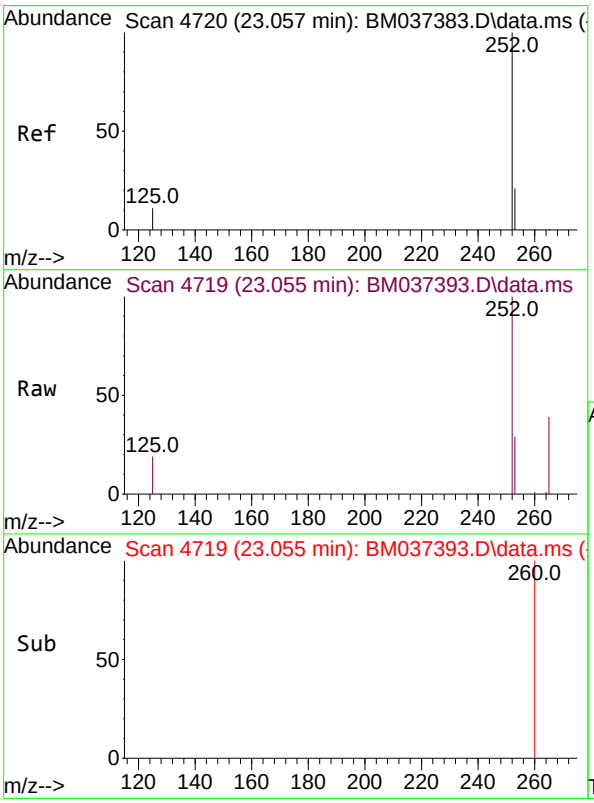
#24
Benzo(b)fluoranthene
Concen: 0.291 ng/ul
RT: 23.008 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM037393.D
Acq: 07 Nov 2022 15:59

Instrument :
BNA_M
ClientSampleId :
EW4W5MSD

Tgt Ion:252 Resp: 24319

Ion	Ratio	Lower	Upper
252	100		
253	28.4	0.0	52.6
125	19.2	0.0	34.0

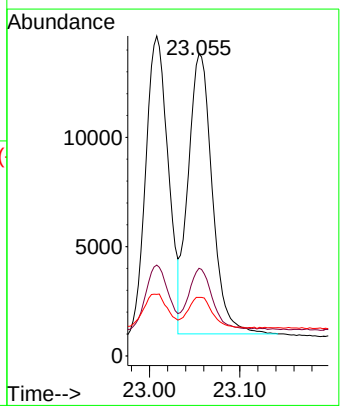


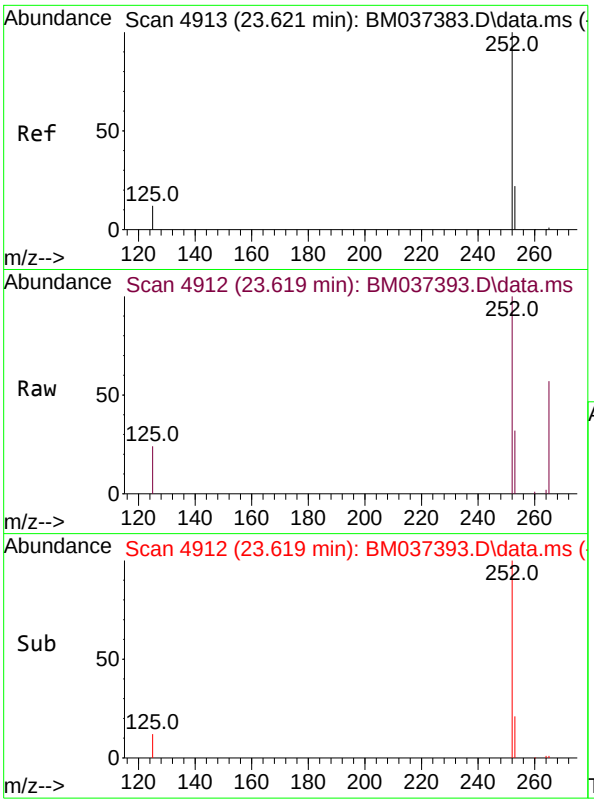


#25
Benzo(k)fluoranthene
Concen: 0.298 ng/ul
RT: 23.055 min Scan# 4719
Delta R.T. -0.003 min
Lab File: BM037393.D
Acq: 07 Nov 2022 15:59

Tgt Ion:252 Resp: 23818

Ion	Ratio	Lower	Upper
252	100		
253	29.0	21.6	32.4
125	19.4	13.8	20.8



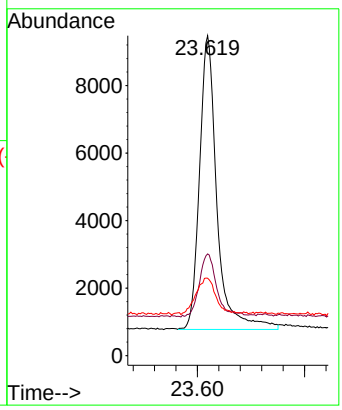


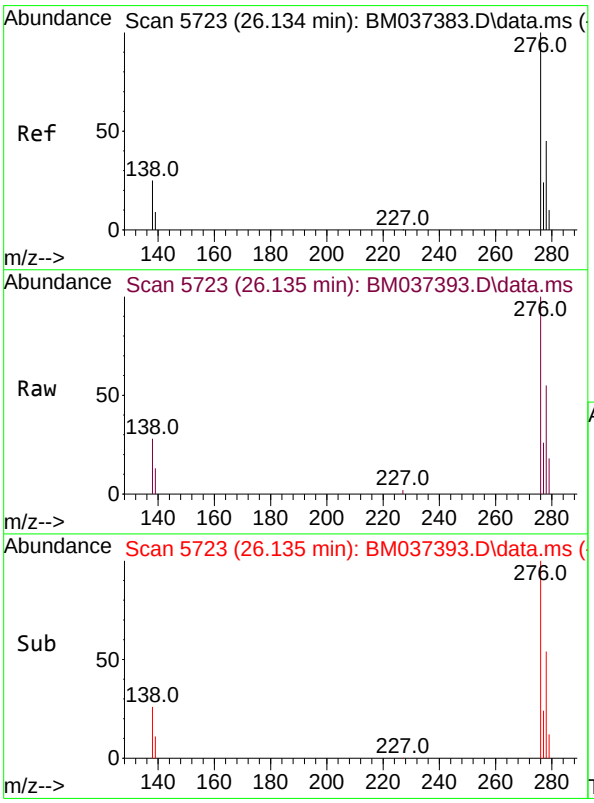
#26
Benzo(a)pyrene
Concen: 0.281 ng/ul
RT: 23.619 min Scan# 49
Delta R.T. 0.000 min
Lab File: BM037393.D
Acq: 07 Nov 2022 15:59

Instrument :
BNA_M
ClientSampleId :
EW4W5MSD

Tgt Ion:252 Resp: 19580

Ion	Ratio	Lower	Upper
252	100		
253	31.8	23.8	35.6
125	24.2	17.2	25.8

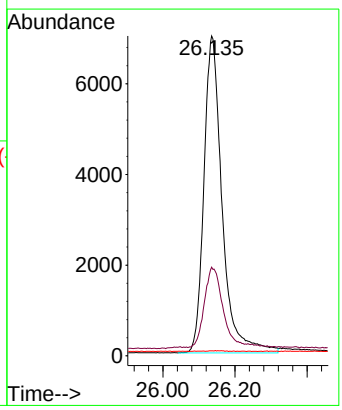


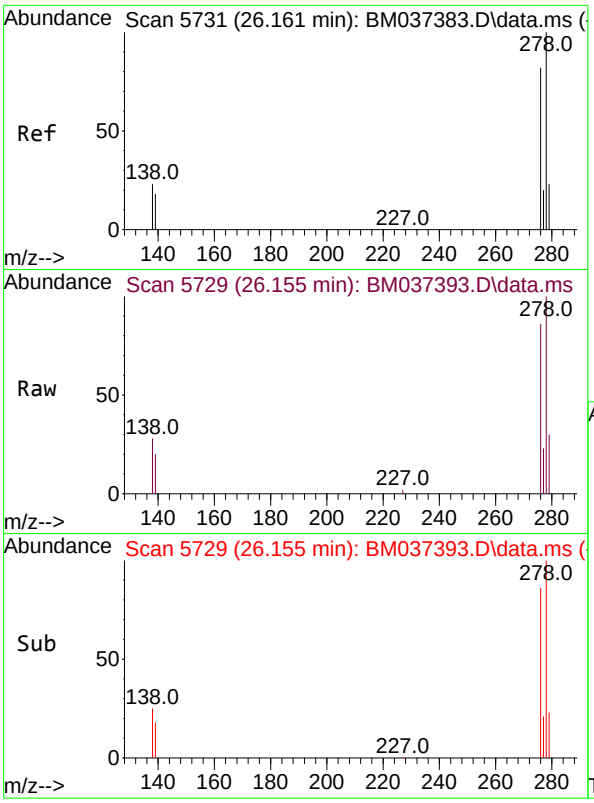


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.264 ng/ul
RT: 26.135 min Scan# 5723
Delta R.T. -0.003 min
Lab File: BM037393.D
Acq: 07 Nov 2022 15:59

Tgt Ion:276 Resp: 24573

Ion	Ratio	Lower	Upper
276	100		
138	26.1	20.8	31.2
227	0.0	0.1	0.1#



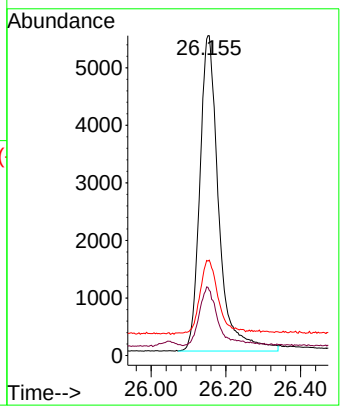


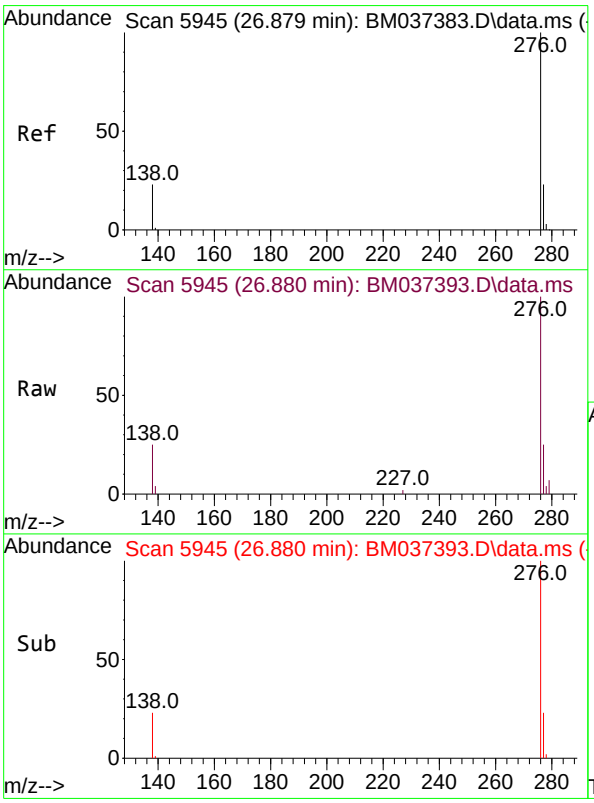
#28
Dibenzo(a,h)anthracene
Concen: 0.269 ng/ul
RT: 26.155 min Scan# 5
Delta R.T. 0.000 min
Lab File: BM037393.D
Acq: 07 Nov 2022 15:59

Instrument :
BNA_M
ClientSampleId :
EW4W5MSD

Tgt Ion:278 Resp: 19223

Ion	Ratio	Lower	Upper
278	100		
139	20.4	15.2	22.8
279	29.8	22.2	33.2





#29
Benzo(g,h,i)perylene
Concen: 0.262 ng/ul
RT: 26.880 min Scan# 5945
Delta R.T. 0.000 min
Lab File: BM037393.D
Acq: 07 Nov 2022 15:59

Tgt Ion:276 Resp: 21060

Ion	Ratio	Lower	Upper
276	100		
138	25.4	19.6	29.4
277	24.7	20.1	30.1